

Converting Colors

Hex(AA3199)

Have a look what the booklet for
Hex(AA3199) contains.

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Color

Hex(AA3199)

Conversions

Conversions Part 1

Format	Color
Hex	AA3199
RGB	170, 49, 153
RGB Percent	67%, 19%, 60%
CMY	0.3333, 0.8078, 0.4000
CMYK	0.00, 0.71, 0.10, 0.33
HSL	308°, 55%, 43%
HSV	308°, 71%, 67%
XYZ	23.4256, 13.0426, 31.4198
YIQ	97.0350, 38.7320, 57.9960

Conversions

Conversions Part 2

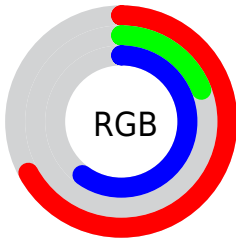
Format	Color
R_{YB}	170, 49, 153
Decimal	11153817
CIE _{Lab}	42.83, 59.92, -30.74
CIE _{LCh}	43, 67.345, 332.844
Yxy	13.0426, 0.3451, 0.1921
Android (android.graphics.Color)	4289343897 (0xFFAA3199)
YUV	97.0350, 27.5907, 63.9903
Hunter-Lab	36.1145, 52.5835, -26.3024

Details

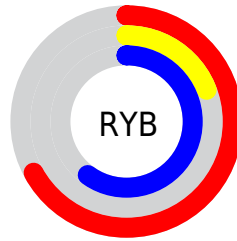
The Hex color **AA3199** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **31AA42**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **E46AD0**, and **720065** is the 20% darker color. If you saturate the color by 10%, you get **AA2097**, and if you desaturate by 10%, it is **AA429B**.

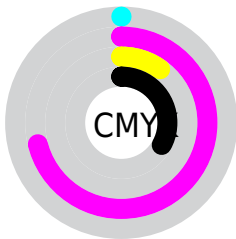
Distribution



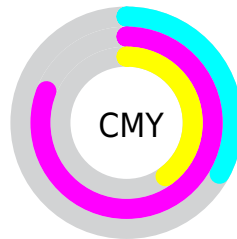
- Red (67%)
- Green (19%)
- Blue (60%)



- Red (67%)
- Yellow (19%)
- Blue (60%)



- Cyan (0%)
- Magenta (71%)
- Yellow (10%)
- Black (33%)



- Cyan (33%)
- Magenta (81%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA3199 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color AA3199 by changing the saturation by 10% instead.

AA3199

AA3199

FFFFFF

8E097F

E46AD0

720065

FF86EC

57004D

FFA2FF

3D0036

FFBEFF

220020

FFDBFF

000003

FFF9FF

000000

AA3199

AA3199

AA2097

AA429B

■ AA0F94

■ AA539E

■ AA0092

■ AA64A0

■ AA75A3

■ AA86A5

■ AA97A7

■ AAA8AA

■ AAB9AC

■ AACAAE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6653C4



AA3199



C41362

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



AA3199



776500



007CA1

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



AA3199



31AA42

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007D69



AA3199



3C7200

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AA3199



A24E00



007A2E



0078C9

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AA3199



C3213E



007A2E



007D8F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



AA3199



DEAFD7



4131AA



70546C



F0F0F0



707070

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



AA3199



DE21C3



AA315D



544C53



94007F



140012

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AA3199



DE21C3



31AA7E



544C53



94007F



140012

Previews

White Background



This preview shows how the Hex color AA3199 looks on a white background.

Color Contrast Check

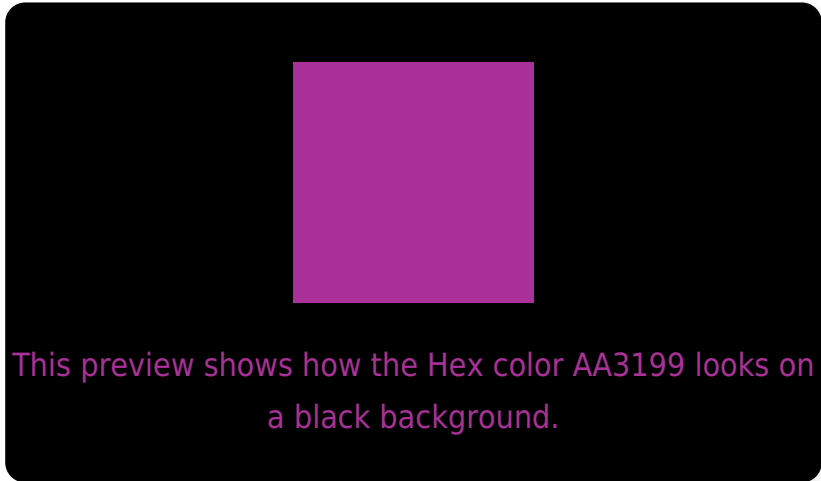
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

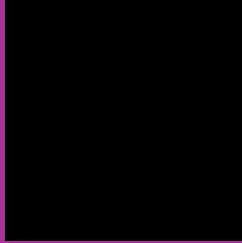
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AA3199 Background



This preview shows how black text looks on a background with the Hex color AA3199.

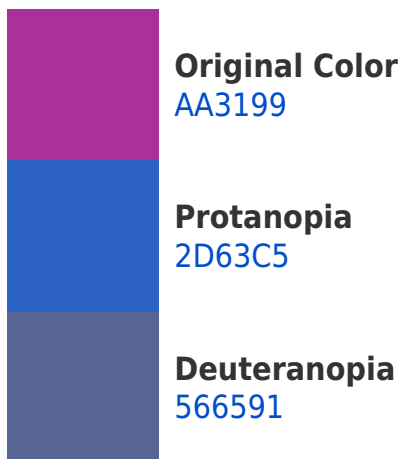



This preview shows how white text looks on a background with the Hex color AA3199.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

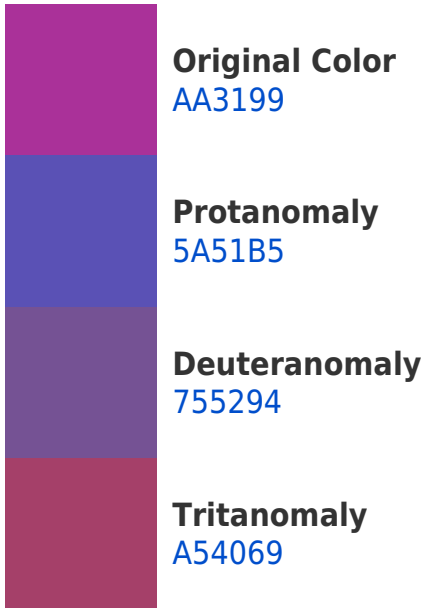
Dichromacy





Tritanopia
A2494E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA3199 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #AA3199 looks like.

```
.text, #text, p{  
    color:#AA3199  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #AA3199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3199
}
```

Border

The CSS property to change the border of an element to Hex AA3199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

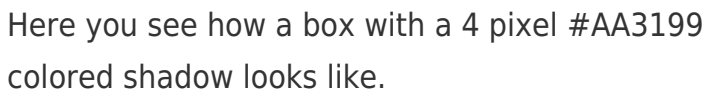
```
.border, #border, table{ border:4px solid
#AA3199 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#AA3199 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #AA3199 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3199; -webkit-box-shadow:4px 4px  
4px 4px #AA3199; box-shadow:4px 4px 4px  
4px #AA3199 }
```

Background

The CSS property to change the background color of an element to Hex AA3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3199 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#AA3199 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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